

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (currently amended): A device ~~(10) for storing~~configured to ~~personal profiles and for controlling the access to databases storing personal profiles, from by a plurality of remote entities (16, 18, 20) within a telecommunication network supporting a plurality of services, to databases storing said personal profiles, characterised in that said~~the device (10) comprises comprising:

a first plurality of databases ~~(44, 46, 48) and interfaces (24, 26) for managing and centrally controlling the access, from any of said remote entities (16, 18, 20), to said first plurality of databases (44, 46, 48) and to a second plurality of databases (50), said interfaces (24, 26) comprising:~~

—a plurality of adapters ~~(26) toward~~configured to allow access to the~~said first (44, 46, 48) and second (50) plurality of databases, each adapter being able~~configured to manage a corresponding database typology of database;

—a plurality of application interfaces ~~(28) configured to allow access to the first and second plurality of databases by toward said plurality of remote entities and (16, 18, 20) able~~configured to manage different mechanisms for accessing databases;

—an authentication unit ~~(52), for~~configured to identify ~~identification of said remote entities;~~

—an authorization unit ~~(37) for~~configured to authorize ~~authorizing said remote entities (16, 18, 20) to use said adapters (26), by means of the verification of~~verifying ~~essential requirements and the management of a corresponding authorization to use;~~ and

—an accounting unit ~~(36) for~~configured to track ~~tracking the accesses to said first (44, 46, 48) and second (50) plurality of databases.~~

2 (currently amended): A ~~The~~ device according to ~~of~~ claim 1, wherein ~~said the~~ accounting unit ~~(36) tracks the accesses to said first (44, 46, 48) and second (50) plurality of databases~~accessing of the one or more first and second databases by means of the registration, for~~registering each~~

~~access of a database, of~~ information related to the identity of the remote entity that made the access, ~~to the access times and to the data exchanged during access.~~

3 (currently amended): A ~~The device according to~~ of claim 1, wherein ~~said the~~ plurality of services comprises one of Voice over IP, ~~or multimedia or and~~ internet services.

4 (currently amended): A ~~The device according to~~ of claim 1, wherein ~~said each of the~~ plurality of adapters (26) ~~allows the access to said the plurality of first and second plurality of databases independently from the a particular technology of the particular database.~~

5 (currently amended): A ~~The device according to~~ of claim 1, wherein the access to ~~said the~~ application interfaces (28) ~~depends corresponds to or at least one of a~~ plurality of authorizations contained in an XML descriptor.

6 (currently amended): A ~~The device according to~~ apparatus of claim 1, wherein ~~said each of the~~ interfaces (24, 26) ~~allows the access to said one of the plurality of first (44, 46, 48) and second (50) plurality of databases by means of via one of a trusted application interfaces (30) and an untrusted application interface, wherein the trusted application interface is used when in case the access is requested by an authorized applications, and wherein the by means of untrusted application interfaces (32), in case the is used when access is requested by an unknown applications.~~

7 (currently amended): A ~~The device according to~~ of claim 6, wherein ~~said each of the~~ interfaces (24, 26) ~~allows the access to said one of the plurality of first (44, 46, 48) and second (50) plurality of databases in a read mode.~~

8 (currently amended): A ~~The device according to~~ of claim 6, wherein ~~said each of the~~ interfaces (24, 26) ~~allows the access to said one of the plurality of first (44, 46, 48) and second (50) plurality of databases in a write mode for entering new information.~~

9 (currently amended): ~~A-The device according to~~ of claim 6, wherein ~~said each of the~~ interfaces (24, 26) ~~allows the access to said one of the plurality of first (44, 46, 48) and second (50) plurality of databases in a write mode for modifying existing information.~~

10 (currently amended): ~~A-The device according to~~ of claim 6, wherein ~~said each of the~~ interfaces (24, 26) ~~allows the access to said one of the plurality of first (44, 46, 48) and second (50) plurality of databases in a search mode.~~

11 (currently amended): ~~A-The device according to~~ of claim 1, wherein ~~said each of the plurality of first plurality of databases (44, 46, 48) contains information characterising a user in terms of user profile information.~~

12 (currently amended): ~~A-The device according to~~ of claim 11, wherein ~~said the~~ user profile comprises one or more of: identity data, personal data, preferences data, subscribed services and used terminals data.

13 (currently amended): ~~A-The device according to~~ of claim 1, wherein ~~said the plurality of first plurality of databases (44, 46, 48) contains information characterising a service in terms of service profile information.~~

14 (currently amended): ~~A-The device according to~~ of claim 13, wherein ~~said the~~ service profile comprises information characterising corresponding to the configuration of services for different each users.

15 (currently amended): ~~A-The device according to~~ of claim 1, wherein ~~said the first plurality of first databases (44, 46, 48) contains information characterising corresponding to the one or more terminals used in said the multimedia and/or the telecommunication service networks.~~

16 (currently amended): ~~A-The device according to~~ of claim 15, wherein ~~said the~~ information characterising corresponding to the one or more terminals are is stored into a generic terminal

profile database, ~~containing information relative to static characteristics of terminals, and into a~~ network terminal profile database, wherein the generic terminal profile database stores information relative to static characteristics of terminals and the network terminal profile database store~~se~~s containing information relative to dynamic characteristics of terminals.

17 (canceled)

18 (currently amended): A method of providing ~~the~~ a plurality of remote entities access to one or more databases for storing personal profiles; ~~to a plurality of remote entities (16, 18, 20)~~ within a telecommunication network supporting at least one of: Voice over IP, and/or multimedia services and/or internet services, and for controlling said access, ~~characterised in that it comprises the following steps~~ the method comprising:

- ~~–receiving an access request from any of said remote entities (16, 18, 20);~~
- ~~–authenticating said remote entity by means of the identification of~~ identifying the remote entity requesting ~~the access;~~
- ~~–providing a logically centralized access to said databases for storing personal profiles by means of a plurality of application interfaces (28) suitable~~ suitably configured to ~~for managing~~ manage different mechanisms for accessing databases and by ~~means of a plurality of adapters (26) configured to allow access to toward said databases, each adapter being able~~ configured to manage a corresponding database typology of database; and
- ~~–tracking said access by means of the registration of~~ registering information related to the identity of the remote entity that effected the access.

19 (currently amended): ~~A~~ The method as claimed in claim 18, wherein ~~said step of tracking said access comprises collecting information about the~~ corresponding to access time and the data exchanged during the access.

20 (currently amended): ~~A~~ The method as claimed in claim 18, wherein ~~said step of~~ authenticating said remote entity comprises authorizing said remote entity by ~~means of the~~

~~verification of verifying~~ essential requirements and the management of a corresponding authorization to use.

21 (canceled)

22 (currently amended) ~~A computer program as claimed in claim 21 embodied on a computer~~ readable storage medium having computer executable instructions stored thereon, that when executed by a computer perform a method of providing a plurality of remote entities access to one or more databases for storing personal profiles within a telecommunication network supporting at least one of: Voice over IP, multimedia services and internet services, and for controlling said access, the method comprising:

receiving an access request from any of said remote entities;

authenticating said remote entity by identifying the remote entity requesting access;

providing a logically centralized access to said databases for storing personal profiles by a plurality of application interfaces suitably configured to manage different mechanisms for accessing databases and by a plurality of adapters configured to allow access to said databases, each adapter configured to manage a corresponding database typology; and

tracking said access by registering information related to the identity of the remote entity that effected the access.

23 (new): The device of claim 1, wherein the second plurality of databases is located separately from the device.